

**Bioclean  
Pressure Line  
Hose Repair**



**Step 1.** Identify a potential hose burst in the making or a current hose burst location. A sign that this is about to happen is the outer covering of pressure line starting to fray or completely gone. The fitting closest to the wash gone is a very common are for this to happen to to the constant flexing of the wash hose.



**Step 2.** Disconnect pressure line from wash gun if necessary. If he burst is in the middle of the hose and is covered by casing, carefully peel back and separate the casing so as not to damage the chemical lines. It may help to hold casings in place with (2) grip pliers so it doesn't cover over your damaged pressure line.



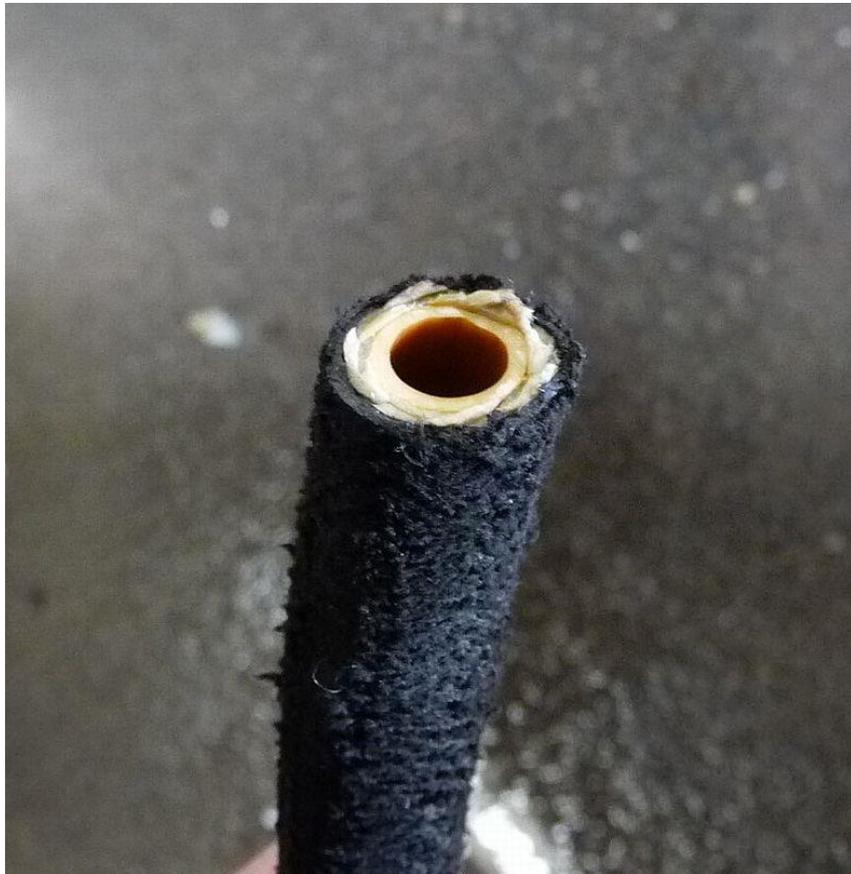
**Step 3a.** (Read steps 3b and 3c before proceeding!) Use a new, sharp razor to cut the pressure line smoothly and evenly. Remember: The inner weave of the pressure line is made of Kevlar, so once the razor has been used once it is too dull to be used again. **ALWAYS** cut away from your body, including your fingers and hands!



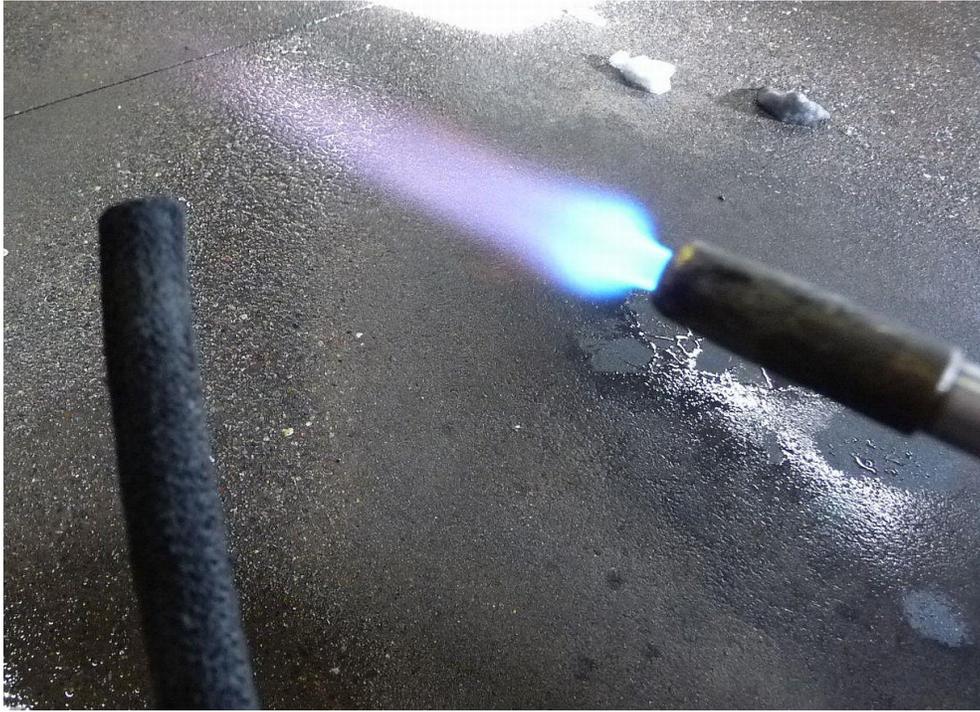
**Step 3b.** If you decide to reuse the hose fitting, you will need an 11/16" and 13/16" wrench to separate the fitting from the hose. Unscrew the inner part of the fitting from the outer jacket of the fitting. It is standard thread. Once this is completed it is time to remove the outer jacket of the fitting from the hose. It is reverse thread.



**Step 3c.** If available, a ratchet with a deep-well 11/16" socket will speed up the progress of separating the inner and outer parts of the reusable fitting.



**Step 4.** After you have completed your cut of the pressure line it should look like the above photo. Inspect the inner wall of the pressure line. It should be "healthy" with no pits, cracks, or bubbling taking place. If those are present it could indicate that another problem may exist that needs addressing.



**Step 5.** It is recommended that the frayed edges of the outer part of the jacket are slightly melted with a hand torch. This reduces the chances of the outer hose weaving from fraying as quickly. If no torch is available, you may skip this step. Care should be taken not to melt the inner core of the pressure line!



**Step 6.** Next, thread the outer jacket of the reusable coupling on to the pressure line. Remember, it is reverse thread!



**Step 7.** The outer jacket should be threaded down to where it bottoms out on the outer jacket. An example of this can be seen in the above photo. If the fitting is over tightened it will squish the pressure line and prevent you from threading the inner part of the reusable coupling to the outer jacket.



**Step 8.** It is recommended, but not absolutely necessary, to spray a lubricating spray into the outer jacket before threading the inner part of the reusable coupling. This makes the merging of the two parts together much easier.



**Step 9.** Start threading the inner and outer parts of the reusable coupling together by hand. This will ensure that you don't cross thread the two fittings. If it is difficult to get the fittings started you may need to back the outer jacket off and then thread the inner fitting into it. Once they start to thread together screw the outer jacket back on the pressure line so that it is tight.



**Step 10.** You will again need your 11/16" and 13/16" wrenches to tighten these fittings together. As was stated earlier, a ratchet with an 11/16" deep well socket speeds the process up considerably.



**Step 11.** Tighten the two fittings together until the inner fitting threads all the way in to the outer jacket and bottoms out. They will look like the above photo.



**Step 12.** It is recommended, but not absolutely necessary, to put an anti-seize product on the threads of the hose fitting before re-installing the hose on to the gun again. This will make it easier to remove the gun from the hose in the future and will prevent the hose fitting from stripping during the removal process.



**Step 13.** Mount the hose back on to the gun and tighten securely. Pressure check the connection and hose end by applying pump pressure to the gun. There should be no drips or seepage coming from the area. If there does seem to be a leak you may have to redo the procedure again.



**Step 14.** If your pressure line has blown in the middle of the hose you may need to cut out the bad section and put a union in to couple the hoses together. You will need the 3/8" female/ female swivel to couple the reusable fittings together. It is recommended to use thread tape on the non-swivel end of the reusable fitting and anti-seize on the swivel end of the reusable fitting as shown in the photo. Only install the swivel fitting after the reusable fittings are installed on the hose ends. ***Do not use the outer jacket of the reusable fitting to tighten down the reusables to the swivel fitting. It will snap off the reusable fitting and you will have to install another one on the hose again.***